

Hacettepe University Computer Science and Engineering Department

Name and Surname : Şeyma Civan

Identity Number : 21627078

Subject : Programming Assignment2

Problem Definition : In this assignment, from us expected to create a simplified restaurant management system using object oriented programming.

Solution Approach : For this restaurant management system, I first according to the data in the setup file; for items, table, employer and waiter, I created classes that hold their information. Then I read the commands file. I have implemented the commands I need to implement for the order system with object oriented programming.

Classes:

TABLE: In the table class, the employer has the name, the capacity, the id number for each table and the status indicating that it is empty / full.

WAITER: In waiter class, it contains the waiter's name, salary and the number of tables it deals with.

EMPLOYER: In employer class, it contains the employer's name, salary and the number of tables created.

ITEM: In employer class, it contains items name, cost and their amount.

ORDER: In general order class; it contains order waiter name, table id, ordered item names and ordered quantities of items.